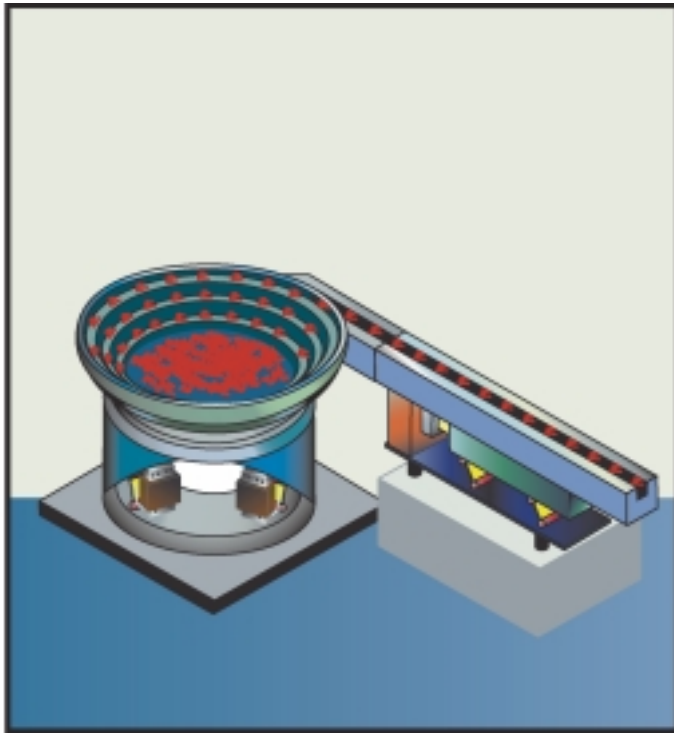


**2 Channel Phase-Angle Controller
For Vibratory Feeders**

REOVIB MTS 442

Enclosed version (IP 54)



Suitable for 110 V or 240 V, 50/60 Hz supplies, without making any changes

Output frequency 50/100 Hz (50 Hz mains supply)

Output frequency 60/120 Hz (60 Hz mains supply)

Constant throughput despite supply variations

LED display and a keypad for setting parameters

All adjustments can be made without opening the unit

Enable input 24 V, DC or contacts

Integrated track sensor control

24 V, DC control signal for interlocking with other controllers

24 V, DC solenoid-valve output

Internal logic functions for both channels

2 channel phase-angle controller

REOVIB MTS 442

The REOVIB MTS 442 is a 2-channel controller that can be used with bowl or linear feeders. It can be adapted for use with different feeders by selecting either half or full wave output i.e. 50/100 Hz (50 Hz supply) or 60/120 Hz (60 Hz supply). The interactions between the two channels are controlled internally.

The set-point for the feeder throughput and all parameters are adjusted by using the display and keypad in the front panel. User settings can be stored and recalled.

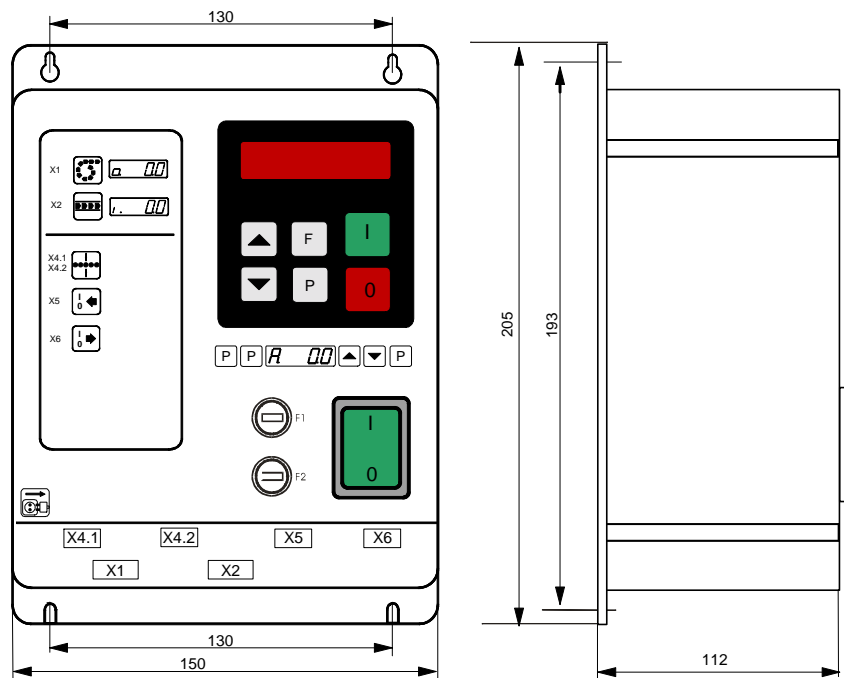
Track-sensor control is provided for each channel. When two sensors are used it is possible to set up logic interlocks.

Furthermore, there is a 24V solenoid output and each output channel has an enable input and a status output which can be used for interlocking with other control equipment. The unit can also be set up for use with a single-phase storage conveyor motor.

The controller includes a mains switch, a mains cable or socket, and output sockets for the feeder and signal cables.

Fuses are fitted to protect the control semiconductors from short-circuit faults.

Type	REOVIB MTS 442 (I/D 44212)
Supply voltage:	110 V, 240 V \pm 10 %, 50/60 Hz
2 x Outputs:	0...100 V / 0...210 V, each 6 A, total 10 A
Pulsed output:	e.g. storage feed Pulse on/off 0...60 sec
Output frequency:	50/100 Hz (50 Hz supply) 60/120 Hz (60 Hz supply)
Set point:	internal using display
2 x Enable:	24 V, DC or contacts
2 x Track sensor:	Internal supply 24 V, DC for PNP sensor Adjustable time delays (invertable)
Soft start/stop:	0...10 sec
On/off time delays:	0...60 sec
7 x Outputs:	Supply, 2 x enable status, 2 x on/off, solenoid, time out
Operating temperature:	0...+45 C
Protection :	IP54



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